

Chapter 3 Assignments

	Group 1	Group 2	Group 3	All	Helpful Hints
Section 3.1 - Solving Two-Step Equations	Pages 122-124 (1-23, 55-57)	Pages 122-124 (28-46, 55-57)	Pages 123-124 (61-66)	Page 124 (74-83)	Begin by undoing addition and subtraction and then undo multiplication and division.
Section 3.2 - Solving Multi-Step Equations	Page 129 (1-20)	Practice 3-2 Worksheet (pick any 20)	Enrichment Worksheet	Page 132 (76-96 evens)	Make sure you combine all like terms first. If grouping symbols are present, use the distributive property.
Section 3.3 - Equations with variables on both sides.	Page 136 (5-23)	Pages 136-139 (24-40)	Pages 138-139 (41-55)	Page 139 (59-65)	Begin by gathering all variables on one side of equation.
Section 3.4 - Ratio and Proportion	Page 145 (5-28)	Pages 145-146 (34-51)	Pages 147-148 (54-62)	Page 148 (69-74)	A ratio is a comparison of two numbers by division. A unit rate has a denominator of one.
Section 3.5 - Proportions and Similar Figures	Pages 152 (3-21)	Pages 153-154 (22-33)	Pages 154-155 (34-40)	Page 155 (42-50 and 1-10)	Similar figures have the same shape, but not necessarily the same size. Use ratios and proportions to help solve these problems.
Section 3.6 - Equations and Problem Solving	Pages 162-163 (1-14)	Page 164 (15-27)	Pages 165 (28-37)	Page 165 (38-42)	Begin by defining a variable. You will then have to define all parts of that problem in terms of that variable.
Section 3.7 - Percent of Change	Page 171 (1-29)	Pages 171-172 (30-47)	Pages 172-173 (51-55)	Page 173 (60-65)	Percent of change = amount of change/ original amount
Section 3.8 - Finding and Estimating Square Roots	Page 178 (1-25)	Pages 178-179 (26-45)	Pages 179-180 (53-60)	Page 180 (1-10)	Rational number either terminate or repeat. Irrational numbers do not terminate or repeat.
Section 3.9 The Pythagorean Theorem	Reteach Worksheet 3.9	Practice 3.9 Worksheet (pick any 20)	Enrichment Worksheet 3.9	Page 187 (68-80 evens)	The hypotenuse (c) is always across from the right angle. $a^2 + b^2 = c^2$

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